Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 21 Jan 2021 until 23:59 on Friday 22 Jan 2021

Forecast Issued on Thursday 21 Jan 2021 at 03:51

Confidence: High confidence for continued wintery weather on Thursday and becoming more settled from Friday onwards.

Headline for Thursday 21 Jan 2021: Snow showers through the day, easing later in the evening.

Mountain weather hazards on Thursday 21 Jan 2021

Blizzards
Low Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Light snow	Light snow	Light snow showers (night)
Precipitation probability					
60%	60%	40%	40%	40%	40%

Forecast for Thursday 21 Jan 2021

Weather: A rather cloudy morning, with snow showers, heavy across western hills, but perhaps falling as rain to lowest levels below 200m. These fading gradually through the afternoon, with sunny spells possible. Winds also easing a little, but temperatures falling and a freeze occurring overnight.

Chance of cloud free mountain/hill tops above 600m: 30% during the morning, increasing to 60% by the afternoon. Best chance in the east.

Visibility: Extensive cloud at 300m at first, lifting and breaking through the morning to 600m by the afternoon. Visibility on tops will be very poor, with spindrift and brief blizzard conditions possible in showers. As winds ease and clouds break, some expansive views likely to develop into the afternoon, although still poor when any further showers move through

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Forecast for Thursday 21 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/40 W	28/37 W	24/34 W	23/32 W	20/29 W	21/30 W	21/31 W
300	16/35 W	18/37 W	15/31 W	14/30 W	12/27 W	12/27 W	13/28 W
Valley	12/31 W	12/29 W	12/27 W	11/25 W	7/22 W	6/20 W	9/25 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-10	-1/-8	-1/-8	-0/-8	-1/-8	-1/-8	-2/-9
300	1/-5	1/-5	1/-4	2/-3	1/-4	1/-4	1/-4
Valley	2/-3	2/-3	3/-1	4/0	2/-1	2/-1	2/-2
Freezing Level*	300m	400m	400m	500m	400m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Notable wind chill, with full winter conditions on the tops, requiring appropriate equipment. Snow showers could lead to conditions rapidly deteriorating at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 21 Jan 2021	25.6mm	73mm	83.8mm

Forecast for Friday 22 Jan 2021

Weather: Most hills dry, with sunny spells. A few scattered snow showers are possible, mainly across western hills and routes. Much of the Yorkshire Dales remaining dry, however. Feeling cold, despite lighter winds than Thursday.

Maximum wind: Westerly 15mph with gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 40% in west, 70% in east

Visibility: Cloud will obscure views above 600m at times, mainly in the west. However southern and eastern hills are expected to have some wide-ranging views at times.

Temperature: **Valleys:** Zero rising to Plus 4 Celsius.
At 600m: Minus 2 Celsius.
Freezing level: 300m

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